



## SUGGESTED FORMULA

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### Glutathione 60mg/mL Nasal Solution

Version number: 1.0

Volume: 100 mL

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L-Glutathione, Reduced (GL146)	6 gm
Ascorbic Acid, USP (AS105)	1 gm
Sodium Bicarbonate, USP (SO125)	2.1 gm
Ascorbic Acid, USP (AS105)	qs
Sodium Bicarbonate 8.4% solution	qs
Purified Water, USP (W1014)	q 100 mL

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## SUGGESTED COMPOUNDING PROCEDURES

1. Calculate the required quantity of each ingredient for the total amount to be prepared.
2. Accurately weigh and/or measure each ingredient.
3. Dissolve the ascorbic acid in about 90-mL of purified water
4. Slowly, with stirring, add the sodium bicarbonate
5. Add the glutathione and mix the solution well
6. Adjust the pH to 7.0 with either ascorbic acid or sodium bicarbonate 8.4% solution
7. Bring solution to final volume with purified water
8. Package in a nasal container and label
9. Quality Assessments:
  - a. Weight to Volume calculation
  - b. Clarity
  - c. Color

Store in air tight containers

Store refrigerated

No claims are made as to the safety or efficacy of this preparation. This formulation is provided solely at the unsolicited request of the pharmacist.

Beyond-Use Dates of preparations are conservative estimates by the formulator using reference books, peer-reviewed literature, and intended duration of therapy, formulation from commercially available products, organoleptic observations and current USP guidelines. Compounders may have stability studies performed by a reputable laboratory if they wish to extend the Beyond-Use Date.

It is recommended that you follow USP <795> recommendations for potency testing.

**Beyond-Use Date should be assigned according to the Current USP Standards – 14 days refrigerated.**

**Precautions:**

General precautions should be taken to prevent cross-contamination and exposure of ingredients to the compounder and contamination of the preparation by the compounder. Wear appropriate protective equipment. Use safety enclosures (hoods) when weighing and mixing.

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